

ACCUTECH™HP0339C40L1

Polypropylene Homopolymer
ACLO Compounders Inc.

Message:

ACCUTECH™HP0339C40L1 is a polypropylene homopolymer (PP Homopoly) product, and its filler is 40% calcium carbonate filler. It is available in North America.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	26.0	MPa	ASTM D638
Fracture	19.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	30	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	37.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	110	°C	ASTM D648
1.8 MPa, not annealed	62.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 40%

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